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Montana and the sky

MDT Department of Transportation - Aeronautics Division Vol. 44, No. 1 January ~~1992~~ 1993

Conference to Feature Major Rhonda Cornum

The 1993 Montana Aviation Conference will feature Major Rhonda Cornum as the keynote banquet speaker Saturday evening, February 27, 1993. Major Cornum recently graduated from Air Command and Staff College and is currently working in the Department of Surgery at the U.S. Army Aeromedical Center until beginning a Urology Residency in June, 1993. Prior to these assignments, Major Cornum served with the 2/299 Attack Helicopter Battalion throughout operations Desert Shield and Desert Storm. On the final day of the war, while performing a combat search and rescue mission for a downed F-16 pilot, Major Cornum's Black Hawk helicopter was shot down in southeastern Iraq. Five of the eight man crew were killed, three were captured. Major Cornum suffered two broken arms, a gunshot wound, and a serious leg injury. Following a week as a POW, they were repatriated on March 6, 1991.

Raised in upstate New York, Major Cornum received a B.S. degree from Cornell University in 1975, and Ph.D. from Cornell in nutritional Biochemistry in 1978. She received a direct commission into the Army and did metabolic and blood preservation research at the Letterman Research Institute for 4 years. From 1982 through 1986, Major Cornum was a medical student at the Uniformed Services University. Following graduation and a General Surgery internship at Walter Reed Army Medical Center, she was assigned to Ft. Rucker, Alabama. She served as Chief, Primary Care and Community Medicine, followed by Chief, Aviation Medicine. In 1989, Major Cornum returned to research and headed the Crew Life Support Branch until deploying to Saudi Arabia with the 2/229 in August 1990.

In addition to Flight Surgeon wings, Major Cornum has earned the Expert Field Medic, Airborne, and Air Assault badges. Military awards include the Distinguished Flying Cross, Bronze Star, Air Medal, Purple Heart, Prisoner of War Medal, Meritorious

See **CORNUM**, *page 4*

Meet MDT Director Marv Dye

Marv Dye joined the cabinet of Governor Marc Racicot as Director of the Department of Transportation January 4. He succeeds John Rothwell, who served under former Governor Stan Stephens since October of 1990.

Prior to his appointment, Dye served as Administrator of the Forensic Science Division of the Montana Department of Justice for three and one half years; as well as Auditor, Bureau Chief and Acting Division Administrator, respectively, over a fifteen year period for the Crime Control Division of the Montana Department of Justice. Prior to that, he was an auditor for the Montana Legislative Auditor's Office.

Dye earned a Bachelor of Science degree in Accounting from Montana State University in 1973. He's received extensive continuing education since in the areas of audit, management and planning.

Dye is a native to Montana and spent his early years in the Cut Bank-Sweetgrass area. Prior to attending MSU, he was an au-

See **DYE**, *page 6*

Administrator's Column

Proposed Flight Training Rule Changes Opposed: The Federal Aviation Administration is proposing rule changes in their flight training regulations part of which is being strongly challenged by industry organizations including the Experimental Aircraft Association and Aircraft Owners & Pilots Association. The change being opposed is the provision which would eliminate flight instructors who do not have a valid medical certificate. Under the current rules such flight instructors can legally give flight instruction, recurrent training and biennial flight reviews to pilots who are already qualified to act as pilot in command.

Tax Deductions for Young Eagle Program: The IRS has recently ruled that pilots who volunteer free flights to youth participating in the Experimental Aircraft Association's (EAA) Young Eagle Program may deduct expenses if the expenses are directly incurred and solely attributable to the flight. The Young Eagle Program is a nationwide effort sponsored by the EAA to stimulate interest in aviation in young People between the ages of 8-17 by encouraging pilots to give aircraft rides to one million youths by the year 2003 which is the one hundred year anniversary of the Wright Brothers first powered flight. There are certain stipulations which must be met when claiming a deduction such as the volunteer flight cannot exceed 200 statute miles; may not exceed more than 50 miles to pick up the Young Eagle; transportation at 12¢ per mile to get to and from your own airport cannot exceed 60 total miles; rental expense of an aircraft used solely for the volunteer flight; extra liability insurance purchased solely for the Young Eagle flight; meals for the Young Eagle only; transportation (bus) to bring the Young Eagle to and from the airport; landing and tiedown fees incurred but only if away from your home airport; and film and development of photographs taken of the Young Eagle. I am sure there may be other deductions allowable or disallowable so I would recommend that you consult your accountant, the IRS, or EAA Coordinator, Eh Lechendro, EAA, PO box 3086, Oshkosh, WI 54903-3086. In any case this looks like a good incentive to consider participating in the Young Eagles Program by volunteering to fly Young Eagles. We will have Mr. Lechendro at our upcoming Montana Aviation Conference to speak about this worthy and ambitious program so be sure to attend this concurrent session.

Dr. Cockrell to Return

Back by popular demand, Dr. Jerald Cockrell will again attend the Montana Aviation Conference. Dr. Cockrell is a pilot and Director of Safety for MARKAIR AIRLINES, Anchorage, Alaska.

An aviation psychologist and humorist, Dr. Cockrell holds a Ph.D. degree in psychology from the University of Mississippi and has worked as a clinical psychologist.

In conducting affiliation safety programs, Cockrell has spoken in every state in the Union. He gave the first flight instructor clinic in Africa and has conducted aviation safety programs all over the world. He is a member of the Aviation Psychologists Association.

Dr. Cockrell will be featured at an open session on Thursday evening, February 25 beginning at 7:30 pm.

Montana and the Sky
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Marc Racicot Governor
Marv Dye, Director

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ALOA Scholarship

A Love of Aviation Scholarship (ALOA) has been established beginning in 1993.

With the retirement of the Van De Riet Flight Scholarship in 1992, a unanimous donor has generously expressed desire to continue this worthwhile flight scholarship.

The scholarship is to be used to help defray costs of flight instruction and will be presented during the 1993 Montana Aviation Conference in Missoula.

Award of the scholarship will be based on applications in the form of a letter explaining the reasons for applying and outlining outstanding achievements, future career goals and past aviation experience.

Letters of application should be sent to Montana Aeronautics Division, no later than January 31, 1993, at P.O. Box 5178, Helena, MT 59604, or call Mike Ferguson at 444-2506 for more information.

Calendar

Jan. 26 - 28—AMAA Convention, Heritage Inn, Great Falls.
Feb. 5 - 7—Flight Instructor Refresher Clinic, Helena.
Feb. 24 - 27—Montana Aviation Conference, Holiday Inn, Missoula.
March 1 - 3—Upper Midwest Aviation Symposium, Bismarck, North Dakota.

99s Offer Scholarships

The Montana Chapter of the Ninety Nines is offering two (2) memorial scholarships to aid financing two female student pilot's flight training.

This is the second year for the Esther Combes Vance Memorial Scholarship. A second flight scholarship has been established by the 99s, the Vern Vine Memorial Scholarship.

Vern was a pioneer Montana aviator and was honored at the 99's Section Meeting in August 1991. Mr. Vine passed away in early 1992.

Both scholarships will be awarded at the 1993 Montana Aviation Conference at Missoula.

Applicants must be at least 16 years old, reside in Montana and receive training in Montana.

Interested applicants must submit an essay of approximately 500 words stating the reasons for wanting to learn to fly, including where the interest began and plans for their private pilot certificate.

In addition, applicants must include their plans for contributing to the growth and betterment of the Montana Ninety Nines.

Other application materials are required. For more information or to obtain an application call or write: Tina Pomeroy, 1214 West Crawford, Livingston, MT 59047, phone 222-6826; or write to Gail Sanchez-Eaton at 719 So. 9th, Bozeman, MT 59715.

The deadline for submitting an application is January 31, 1992—so hurry and call for an application today.

Flight Instructor Refresher Clinic

The Flight Instructor Refresher Clinic will be held February 5 - 7, 1993, at the Aladdin Motor Inn. The course will be taught by Gaits Aviation Training.

Registration will be from 1000 to 1200 hours on Friday, February 5, 1993.

Space is still available. For further information or to receive an application please contact the Aeronautics Division at 444-2506.

1993 Aircraft Registration Underway

Aircraft registration invoices were mailed in early December and, as of this writing, 1147 registrations have been returned to the Division. The registration fee is based on the type and age of an aircraft.

All aircraft must be registered and accounted for not later than March 1 of each year. The penalty for not registering is severe - five times the fee plus the fee. This penalty will be assessed against all aircraft of record which have not been registered as of March 1.

Montana law states that, "A person who owns or causes or authorizes an aircraft to be operated or who operates an aircraft without a registration decal displayed on the aircraft commits a misdemeanor".

A newly purchased aircraft must be registered within 30 days of entering the state. Aircraft coming to the state for commercial purposes must be registered and in compliance with the insurance regulations prior to commencing operation.

A second billing will be sent during the first week of February to those aircraft owners who have not yet registered.

Conference to Feature Wide Range of Topics

The program for the 1993 Montana Aviation Conference will include something for everyone with an interest in aviation from the professional who makes his living through aviation to the pilot who flies strictly for fun.

The Conference will be held February 24-27, 1993 at the Holiday Inn Parkside at Missoula. This years conference sponsors are the Montana Aviation Trades Association, Montana Pilots Association, Montana Airport Managers Association, Civil Air Patrol and the Montana Aeronautics Division.

Major speakers will include FAA Administrator General Richards, speaking at the Thursday kick-off luncheon; Pat Epps and Richard Taylor, dynamic leaders of the Greenland Expedition Society (GES), Saturday awards luncheon; and Major Rhonda Cornum, Saturday banquet.

Speakers have been arranged for concurrent sessions which will include: EAA's Young Eagles Program, Montana's own Chasing the Glory author, FAA airports session, engine failure after take-off, Super Cub non-stop record flight, kitplanes, airport signage, GPS/Loran, crossing the border, weather and others.

The Aircraft Mechanics Refresher Seminar will be held in conjunction with the Conference as will the Ag Operators Seminar. The Ag Operators Seminar will be held Wednesday, February 24. The Mechanics Refresher Seminar will be conducted at various times throughout the three days of the Conference.

The FAA will again offer a Question and Answer Session and Tom Chapman, Vice President and Legal Counsel for AOPA will be present to discuss national aviation legislation. The Montana Aeronautics Board will hold an informal session on Saturday afternoon.

A Flying Companion Seminar for non-pilots only will be conducted by the Montana 99's on Friday morning, February 26.

Dr. Jerald Cockrell will join Montana again this year and conduct an open session Thursday evening.

Exhibitors from all over the country will reserve booth space for the trade show to be held in conjunction with the conference. Again, this year interested exhibitors may conduct a product demonstration program if desired.

Events in addition to the three formal meal functions will include a free hospitality hour in the display area, coffee breaks in the display area, many of them sponsored by aviation related firms, a luncheon on Friday which is offered free to those who have paid registrations.

Thousands of dollars worth of door prizes will be given away during the Conference. Those who preregister will be eligible for a special drawing.

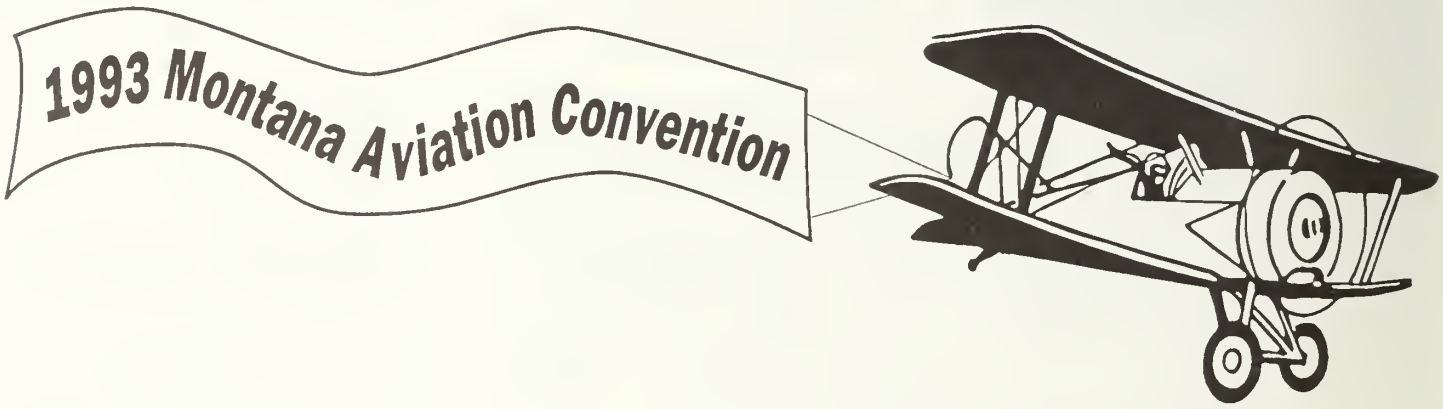
A special spouses/guests program is on tap for Friday afternoon and students will be treated to an aviation awareness session to also be held Friday .

Registration fees are $30 for an individual and $40 for a family. This allows entrance into all sessions and includes drink tickets for a hospitality hour and a luncheon on Friday. A day pass allowing entrance into the sessions and exhibit area for one day is also available for $15.

Meal tickets are separate from the registration with the exception of the Friday luncheon and must be reserved no later than 24 hours in advance of each meal. Tickets for the kick-off luncheon must be reserved through pre-registration.

Rooms for the conference have been blocked at the Holiday Inn (721-8550) and the Village Red Lion (728-3100) at the rate of $50 for a single; $54 for a double and at the Executive Motor Inn (543-7221) at the rate of $30 for a single and $38 for a double.

A very basic schedule, subject to change, and a registration form appear elsewhere in this publication.



CORNUM, *from page 1*

Service Medal and Army Commendation Medal. Other recognition includes the Award" from the National Rehabilitation Hospital. She has authored and co-authored over fifty publications and book chapters.

Rhonda Cornum is married to Air Force Major Kory Cornum, an active duty Air Force Flight Surgeon with the 33rd Fighter Wing at Eglin Air Force Base. Also lovers of civilian aviation, they built and are flying a Glasair III. Their current project is a Roterway Exec Helicopter Kit. They have one daughter, Regan, age sixteen, and reside on a farm in DeFuniak Springs, Florida, complete with horses, dogs, cats and ostriches.

1993 Montana Aviation Conference

Tentative Schedule

Wednesday, February 24

Afternoon
- Booth Set-up
- Aerial Applicators Seminar

Evening
- Aerial Applicators Dinner

Thursday, February 25

Morning
- Exhibitor Meeting
- Mechanics Seminar
- MATA Business Meeting
- Concurrent Sessions

Luncheon
- Kick-off Luncheon Speaker: FAA Administrator Richards

Afternoon
- Mechanics Seminar
- MAMA Board Meeting
- Concurrent Sessions

Evening
- Dr. Jerry Cockrell

Friday, February 26

Morning
- Mechanics Seminar
- Concurrent Sessions
- Education Session
- MFF Business Meeting
- MAMA Membership Meeting
- Flying Companion Seminar

Luncheon
- Held in Exhibit Area
- Free to Registrants
- Door Prizes

Afternoon
- FAA Question & Answer Session
- Concurrent Sessions
- Spouses/Guests Program
- MAAA Business Meeting
- 99's Business Meeting

Evening
- Hospitality Hour in Exhibit Area

Saturday, February 27

Morning
- EAA Business Meeting
- Montana Seaplane Pilots Meeting
- MPA Business Meeting
- Mechanics Seminar
- Concurrent Sessions

Awards Luncheon
- Speakers: Pat Epps and Richard Taylor High Adventure on the Greenland Ice Cap

Afternoon
- Concurrent Sessions
- Aeronautics Board Question & Answer Session
- AOM Meeting

Evening
- Banquet Speaker: Major Rhonda Comum
- Entertainment: Rob Quist and Great Northern

The exhibit area will open Thursday morning, February 24, at 10 am, and will be open at various times during the Conference through Saturday afternoon. All coffee breaks, and Friday's lunch and hospitality hour will be held in the exhibit area.

Montana Aviation Conference—Feb. 24-27, 1993

Mail To:
Montana Aviation Conference
PO Box 5178
Helena, MT 59604

Please Type or Print

Name(s) of Participant(s) (for name tags) _____

_____

Address _____ Phone _____

Your Organization Affiliation:
(Choose one only)

MPA	_____	99s	_____
MATA	_____	MAAA	_____
MAMA	_____	EAA	_____
MFF	_____	CAP	_____
Other	_____	AMAA	_____

Make Checks Payable to:
Montana Aviation Conference

Please make the following reservations
NOTE: Meal Tickets must be purchased 24 hours in advance.

		Enclosed
Reg. Fee -	_____ @ $30/person	$ _____
	_____ @ $40/family	$ _____
Daily Pass	___ Th ___F ___S @$15/Day	$ _____
Thurs. Luncheon	_____ @ $9	$ _____
Fri. Luncheon	_____ @FREE	$ _____
Sat. Luncheon	_____ @$9	$ _____
Sat. Banquet	_____ @$20	$ _____

WeatherMation Service Reminder

By: Redge Meierhenry
Aviation Representative

We continue to encourage Montana pilots and any others who have a need for National Weather Service weather products to use Aeronautics Pan Am WeatherMation.

Information provided by WeatherMation includes: up-to-the-minute aviation weather conditions and forecasts; viewing and printing any one of seven maps or charts; preparation of a comprehensive flight plan including fuel burn, wind correction, enroute weather, direct, RNAV or VOR navigation, and ETA; airmets, sigmets, radar reports, pilot reports, and airport data; flight plan filing; and Canadian weather.

Pilots in Helena may use the ter minal which has been installed in the old airline terminal building under the FAA Control Tower on the Helena Airport. Others throughout the state may call up the system through home computers by calling 449-6416. The computer is available for call-up 24-hours a day, 7 days a week. The old terminal building is open 0600 - 2000, seven days a week. When calling remotely all graphics and flight plan calculations are available if your computer has proper software. Software may be purchased through Pan Am. Pan Am or myself are happy to answer any questions about your use of the system, communication requirements, etc.

Again, Aeronautics would like to extend our gratitude to our faithful sponsors who help pay in part the monthly fees. Their generosity helps bring the service to you free of charge. Those sponsors are:

Helena Regional Airport
Morrison Flying Service in Helena
Exxon Oil

DYE, *from page 1*

tomobile service station owner, a grocery manager and meat cutter. Dye is married with four grown children.

"It's a pleasure and an honor to be selected by Governor Racicot to head the Montana Department of Transportation," Dye said in a cover letter to the 53rd Legislature introducing the department's legislative report. "I intend to focus on the quality of services our agency provides and make sure the legislature's intent is carried out—that this be a true transportation agency."

"Montana's economy will grow and expand, but only if we have the infrastructure in place to handle that expansion," Dye said. "Transportation is essential. And so I'm eager and ready to help the department and the state meet this challenge."

Airport Improvements

By: Mike Rogan
Aviation Representative

Three Forks

The Three Forks Airport has purchased a new Comco 727 unicom from the Aeronautics Division. The radio was installed at Headwaters Aviation which is owned and operated by Jim Normand. Since the airport now has a unicom, the CTAF (Common Traffic Advisory Frequency) had to be changed from 122.9 Mhz to 122.8 Mhz to conform with all F.C.C. rules and regulations.

The runway light controller frequency has also been changed to 122.8 Mhz to alleviate any confusion to pilots who are trying to activate the runway lights, beacon and lighted windsock.

So on your next flight to Three Forks, remember to give Jim a call on 122.8 Mhz. I am sure he will be glad to hear from you.

Shelby

The Aeronautics Division has replaced the almost "20 year-old" N.D.B. Transmitter at Shelby with a new Southern Avionics 50-watt transmitter. This new transmitter should reduce or eliminate the number of times that the transmitter goes off the air due to ice on the antennae.

Our technician, John Devine, from Conrad worked with the FAA flight check people to re-certify the instrument approach that is part of this system. Everything is up and running now and should be a big improvement over the old system. Let us know what kind of reception you get.

NOTAM (Notice to Airmen)

The following is a listing of many of the NOTAMS that could be issued at Great Falls. The "D" preceding the NOTAM indicates it is a long range Disseminated NOTAM. It will be appended to the weather. It is considered critical in that it could preclude or restrict an aircraft from landing.

The "L" category NOTAM stands for Local. The tower and FSS pass these along to pilots as needed. They are not appended to the weather report. Please note that all airport and runway condition NOTAMS are issued and canceled by airport management. The FAA offices merely disseminate this information to pilots. This list is not comprehensive. Should you see a NOTAM or an abbreviation that is not understood, please give the FSS or Tower a call.

Landing Area NOTAM

D FCA ARPT CLSD	Glacier Park AirportClosed.
D GTF 21 N 1500 CLSD	Great Falls Runway 21 North 1500 feet closed (all of 03 available).
D GTF 21THR DSPLCD 1500	Great Falls Runway 21 first 1500 feet closed to landing aircraft. Aircraft departing Runway 21 and all of Run way 03 not affected.
D GTF 3-21 BRAP (Poor) BRAN (Nil) BRAF (Fair) BRAG (Good)	Great Falls Runway 3-21 Braking Action Poor. type aircraft or vehicle may or may not follow. e.g., GTF 3-21 BRAF B727.
D GTF 3-21 1/2 IN LSR	1/2 inch loose snow on runway.
D GTF 3-21 2 IN PSR	2 inch packed snow on runway.
D GTF 3-21 4 IN WSR	4 inch wet snow on runway.
D GTF 3-21 THN IR	Thin ice on runway.
D GTF 3-21 1 IN RUF IR	1 inch frozen slush on runway.
D GTF 3-21 LSR OVER IR	Loose snow and ice on runway.
D GTF 3-21 1/2 IN SLR	1/2 inch slush on runway.
D GTF 3-21 PTCHY 1/2 IN WTR	1/2 inch water on runway in puddles.
D GTF 3-21 5 IN DRFT	5 inches drifted snow on runway.
D GTF 3-21 1/2 IN IR SND	1/2 inch ice on runway that has been sanded.
D GTF 3-21 3 IN SNW+24 IN SNBNK	3 inches of snow on runway with a 24 inch snowbank. (Note: snowbanks 12 inches or less are not NOTAMS).
D GTF 3-21 RY LGTS OBSCD	Runway lights obscured.
L GTF 7-25 MAEW	Men and equipment are operating on or near runway 7-25.
L GTF INT A + B CLSD	Intersections Alpha and Bravo are closed.

Lighting Aid NOTAMS

D FCA 20 ALS OTS	Glacier Park approach light system out of service.
D GTF 7-25 RY LGTS OTS	Runway lights are out of service for 7-25.
L SBX ARPT BCN OTS	The Shelby beacon is broke.
L SBX 23 VASI OTS	The Shelby visual approach slope indicator is out on 23.
L GTF TOWER 1034 4 E UNLGTD	The lights on a tower (probably a radio station tower) are out. The structure is 1034' high above theground level and is 4 miles east of the airport.

Navigational/Communication Aids

L MSO DF OTS	The Director Finder equipment that the Missoula FSS uses is out. This has no impact on airport operations.
D HVR VOR OTS	The Havre VOR OMNI RangeNavigational Aid is out.
D HVR VOR/DME OTS	Same as above, but also includes the Distance Measuring Equipment.
D GTF ILS GS UNMON	The Glide Slope portion of the Instrument Landing System is not monitored by the FSS or ATCT. If it fails, the FAA won't know until an aircraft reports it to us.
D GTF ILS LOC OTS EFF	The localizer portion of the ILS is171600-2200 out for scheduled maintenance. The date is the 17th and the time 1600-2200 is universal coordinated time (UTC).
D GGW MKR NDB UNUSBL	The Milk River Non-Directional 025-080 BYD 20 Beacon is not reliable from 025 to an 080 degree radial when aircraft are farther than 20 miles from the Navigational Aid.
L GTF RCO 122.6 OTS	A frequency the FSS uses is out of service.
D HLN VOR VOICE OTS	The VOR is working, but the FSS cannot use it for communication.

FAA Issues Certificates

Private

Michael Bowman	Bigfork
John Hall	Bozeman
Franklin Hamilton	Anaconda
Dale Hardin	Billings
Barry Haynes	Great Falls
Jeffrey Loffler	Worden
Colton Maslen	Billings
Connie Maslen	Billings
Carol McWhorter	Great Falls
James Olnhausen	Billings
Chad Rubino	Great Falls
Roy Wahlberg	Polson

Instrument

James Kelly	Billings
Kenneth Knebel	Helena
Jason Pfau	Stevensville

Commercial

Craig Nash	Billings
Steven Reitz	Roberts

Seaplane

Larry French	Wolf Point

ATP AMEL

Timothy Gefle	Alberta, Canada

MEL

Richard Crow	Ennis

CFI

Dewin Madill	Belgrade

CFI Renew

Edison Brockhausen	Florence
Richard Crow	Ennis
Andrew Daniel	Fishtail
Rick Jansma	Billings
Carter Jensen	Flaxville
Donald Johnson	Billings
James Kelly	Billings
Kenneth Knebel	Helena
Roger Meggers	Baker
John Novak	Billings
Robert Palmersheim	Fromberg
Jeffrey Parrott	Billings
Richard Romero	Billings
Patrick Smith	Eureka

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